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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 65 **For Week Ended** October 19, 1984 **NO.** 42

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 10/19/84	Last Week Ending: 10/12/84	Last Year Week Ending: 10/21/83	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,146	12,239	11,994	-93	152
Operable capacity	16,074	16,074	16,309	0	-235
Percent operated	75.6	76.1	73.5		
Motor Gasoline					
Total motor gasoline production	6,329	6,308	6,043	21	286
Finished leaded motor gasoline production	2,375	2,398	2,600	-23	-225
Finished unleaded motor gasoline production	3,954	3,910	3,443	44	511
Total motor gasoline stocks	230,505	228,785	229,790	1,720	715
Finished leaded motor gasoline stocks	85,091	83,739	95,095	1,352	-10,004
Finished unleaded motor gasoline stocks	107,411	105,658	94,818	1,753	12,593
Distillate Fuel Oil					
Distillate fuel oil production	2,751	2,608	2,712	143	39
Distillate fuel oil stocks	152,734	147,828	164,215	4,906	-11,481
Residual Fuel Oil					
Residual fuel oil production	875	822	673	53	202
Residual fuel oil stocks	48,603	49,122	49,200	-519	-597
Imports					
Crude oil imports	3,306	3,453	3,674	-147	-368
Product imports	2,023	1,913	1,952	110	71
Crude Oil Stocks					
Crude oil stocks	336,151	337,113	350,132	-962	-13,981

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,079	936	950	1,405	67.6
Appal. No. 1	110	105	105	115	91.3
DISTRICT 1 TOTAL	1,189	1,041	1,055	1,520	69.4
Appal. No. 2	66	65	65	66	98.5
Ind., Ill., Ky.	1,597	1,423	1,436	2,309	62.2
Minn., Wis., Daks.	304	291	302	303	99.7
Okla., Kans., Mo.	690	599	605	755	80.1
DISTRICT 2 TOTAL	2,657	2,378	2,408	3,433	70.1
Inland Texas	507	461	469	615	76.3
Texas Gulf Coast	3,581	3,076	3,128	3,837	81.5
La. Gulf Coast	2,115	2,058	2,063	2,562	80.5
N. La. and Ark.	166	155	156	302	51.7
New Mexico	67	62	62	114	54.4
DISTRICT 3 TOTAL	6,436	5,812	5,878	7,430	79.1
DISTRICT 4 TOTAL	484	461	463	537	86.2
DISTRICT 5 TOTAL	2,452	2,342	2,342	3,154	74.3
TOTAL U.S.	13,218	12,034	12,146	16,074	75.6
TOTAL U.S. Weeks Ended:					
OCT. 12, 1984	13,183	12,106	12,239	16,074	76.1
OCT. 14, 1983	12,678	11,679	11,994	16,309	73.5
DISTRICTS 1-4 Weeks Ended:					
OCT. 19, 1984	10,766	9,692	9,804	12,920	75.9
OCT. 12, 1984	10,800	9,807	9,926	12,920	76.8
OCT. 21, 1983	10,503	9,535	9,824	13,249	74.1

API WEEKLY STATISTICAL BULLETIN
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U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	485	94	391	14	73	225	109
Appal. No. 1	44	20	24	--	--	27	5
DISTRICT 1 TOTAL	529	114	415	14	73	252	114
Appal. No. 2	39	17	22	4	--	16	3
Ind., Ill., Ky.	948	321	627	16	83	318	26
Minn., Wis., Daks.	167	88	79	7	19	86	8
Okla., Kans., Mo.	377	202	175	6	25	164	7
DISTRICT 2 TOTAL	1,531	628	903	33	127	584	44
Inland Texas	311	142	169	30	26	122	25
Texas Gulf Coast	1,617	531	1,086	18	255	764	193
La. Gulf Coast	943	358	585	24	256	457	86
N. La. and Ark.	35	17	18	4	--	48	8
New Mexico	33	14	19	9	3	13	--
DISTRICT 3 TOTAL	2,939	1,062	1,877	85	540	1,404	312
DISTRICT 4 TOTAL	255	143	112	18	27	127	10
DISTRICT 5 TOTAL	1,075	428	647	53	268	384	395
TOTAL U.S.	6,329	2,375	3,954	203	1,035	2,751	875
TOTAL U.S. Weeks Ended:							
OCT. 12, 1984	6,308	2,398	3,910	226	935	2,608	822
OCT. 21, 1983	6,043	2,600	3,443	132	860	2,712	673
DISTRICTS 1-4 Weeks Ended:							
OCT. 19, 1984	5,254	1,947	3,307	150	767	2,367	480
OCT. 12, 1984	5,314	1,979	3,335	170	700	2,205	460
OCT. 21, 1983	5,055	2,136	2,919	98	623	2,367	419

[1] Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2] Includes Grade No. 4 fuel oil.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended October 19, 1984

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,320	2,231	3,088	1	89	671	11,851	1,676	--
Central Atlantic	31,543*	11,562	15,835*	4,146	338	5,258*	37,667*	19,561*	12,590
Lower Atlantic	28,180	11,680	16,163	337	202	3,544	16,154	4,287	424
DISTRICT 1 TOTAL	65,043*	25,473	35,086*	4,484	629	9,473*	65,672*	25,524*	13,014
DISTRICT 2 TOTAL	66,339*	28,249	30,588*	7,502	1,357	9,849	38,407*	3,898	18,412
DISTRICT 3 TOTAL	66,388	20,209	29,025	17,154	2,742	13,257	33,937	8,775*	51,952
DISTRICT 4 TOTAL	6,474	2,899	2,094	1,481	376	759	3,630	526	2,627
DISTRICT 5 TOTAL	26,261	8,261	10,618	7,382	1,724	5,854	11,088	9,880	24,668
TOTAL U.S.	230,505	85,091	107,411	38,003	6,828	39,192	152,734	48,603	110,673
TOTAL U.S.									
Weeks Ended:									
OCT. 12, 1984	228,785*	83,739	105,658*	39,388	6,659	39,334*	147,828*	49,122*	110,502
OCT. 21, 1983	229,790	95,095	94,818	39,877	7,081	36,482	164,215	49,200	113,316
DISTRICTS 1-4									
Weeks Ended:									
OCT. 19, 1984	204,244	76,830	96,793	30,621	5,104	33,338	141,646	38,723	86,005
OCT. 12, 1984	203,049*	75,724	95,570*	31,755	4,987	33,644*	137,257*	39,983*	86,191
OCT. 21, 1983	202,638	86,131	84,808	31,699	5,179	30,267	153,296	41,015	89,723

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components

[2]Includes Grade No 4 fuel oil

*See Revisions on Page 7

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended October 19, 1984

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy May 1984	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
		Daily Average			
DISTRICTS 1-4 TOTAL					
OCT. 19, 1984	5,905.5	6,015.0	3,059	275	260,431
OCT. 12, 1984	5,905.5	--	3,124	176	261,539
OCT. 5, 1984	5,940.5	--	3,625	274	258,583
SEP. 28, 1984	5,940.5	--	3,366	224	256,259
DISTRICT 5 TOTAL					
OCT. 19, 1984	2,876.9	2,898.0	247	--	75,720 ‡
OCT. 12, 1984	2,876.9	--	329	14	75,574
OCT. 5, 1984	2,879.2	--	122	--	72,513
SEP. 28, 1984	2,879.2	--	116	--	73,433
‡INCLUDES 25,196 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.					
TOTAL U.S.					
OCT. 19, 1984	8,782.4	8,913.0	3,306	275	336,151 ‡
OCT. 12, 1984	8,782.4	--	3,453	190	337,113
OCT. 5, 1984	8,819.7	--	3,747	274	331,096
SEP. 28, 1984	8,819.7	--	3,482	224	329,692
OCT. 21, 1983	8,771.0 /a	--	3,674	281	350,132

/a - DOE actual for October 1983

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
OCT. 19, 1984	13,800	74,826	157,848	13,957	260,431	75,720 ‡	336,151 ‡
OCT. 12, 1984	16,415	73,948	157,072	14,104	261,539	75,574	337,113
OCT. 21, 1983	15,366	78,246	156,719	12,246	262,577	87,555	350,132

[1]See definitional notes, Page 6.

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	17	17	--	--	--	--	116	12	--	--	145
Central Atlantic	251	96	155	--	68	178	177	6	5	25	710
Lower Atlantic	100	33	67	--	--	294	53	--	--	--	447
DISTRICT 1 TOTAL											
OCT. 19, 1984	368	146	222	--	68	472	346	18	5	25	1,302
OCT. 12, 1984	236	80	156	--	--	242	592	88	--	--	1,158
OCT. 5, 1984	360	70	290	54	46	345	243	9	--	35	1,092
SEP. 28, 1984	258	103	155	--	--	264	459	36	--	75	1,092
DISTRICTS 2–4 TOTAL											
OCT. 19, 1984	21	9	12	--	--	3	85	64	189	264	626
OCT. 12, 1984	23	8	15	--	--	3	145	68	185	230	654
OCT. 5, 1984	25	17	8	--	--	10	85	103	274	216	713
SEP. 28, 1984	21	5	16	--	--	--	124	105	55	399	704
DISTRICT 5 TOTAL											
OCT. 19, 1984	13	1	12	--	3	9	14	16	6	34	95
OCT. 12, 1984	13	--	13	--	--	10	13	9	15	41	101
OCT. 5, 1984	12	2	10	--	3	6	13	10	25	17	86
SEP. 28, 1984	18	6	12	--	--	23	13	9	8	26	97
TOTAL U.S.	402	156	246	--	71	484	445	98	200	323	2,023
TOTAL U.S. Weeks Ended:											
OCT. 12, 1984	272	88	184	--	--	255	750	165	200	271	1,913
OCT. 5, 1984	397	89	308	54	49	361	341	122	299	268	1,891
SEP. 28, 1984	297	114	183	--	--	287	596	150	63	500	1,893
OCT. 21, 1983	238	113	125	--	61	277	852	77	160	287	1,952

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

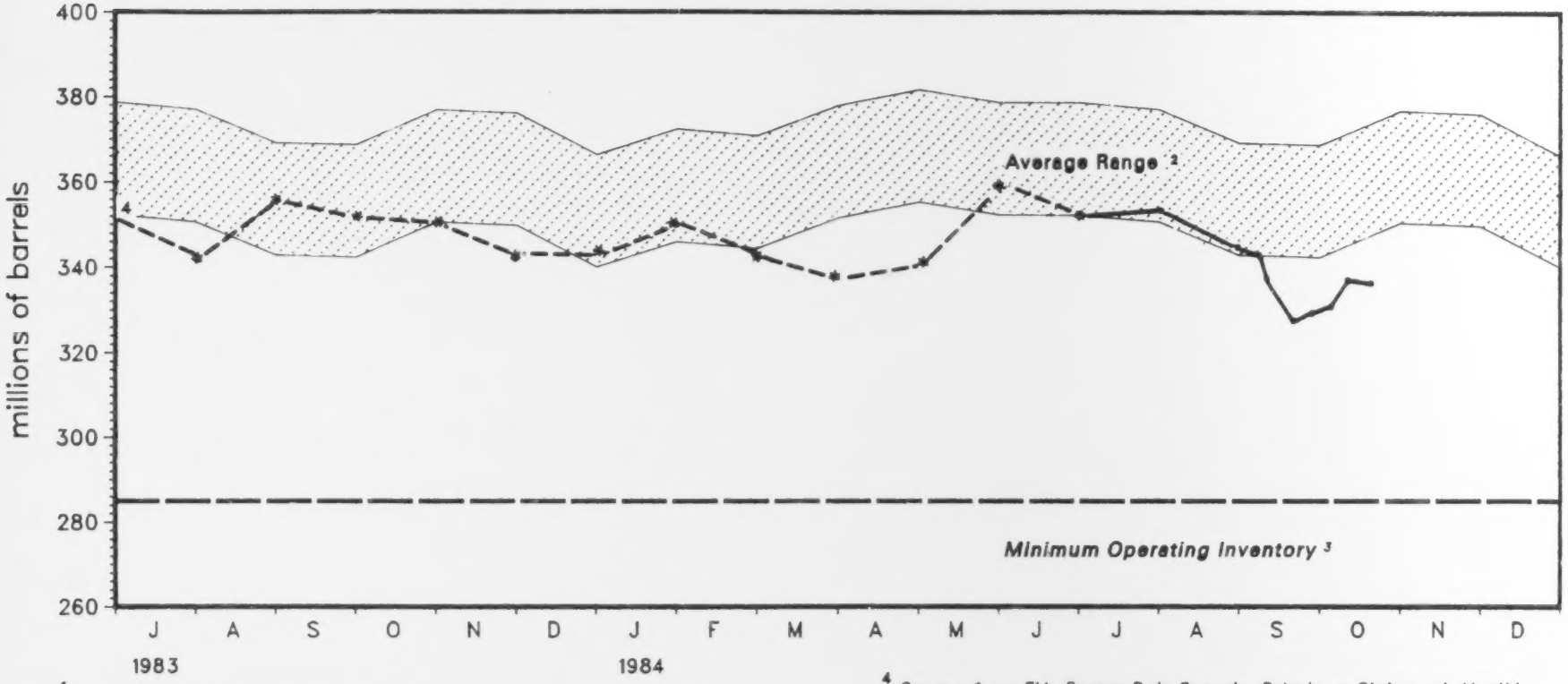
Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

API STATISTICAL BULLETIN
WEEK ENDED: OCT. 19, 1984

REVISIONS

10/12/84	PAGE 3	TOTAL MGAS	CENTRAL ATLANTIC	31,425
			DISTRICT 1 TOTAL	64,372
			DISTRICT 2 TOTAL	64,502
			TOTAL U.S.	228,785
			DISTRICTS 1-4	203,049
		UNLEADED MGAS	CENTRAL ATLANTIC	15,851
			DISTRICT 1 TOTAL	34,382
			DISTRICT 2 TOTAL	29,643
			TOTAL U.S.	105,658
			DISTRICTS 1-4	95,570
		KEROSINE JET	CENTRAL ATLANTIC	5,300
			DISTRICT 1 TOTAL	9,712
			TOTAL U.S.	39,334
			DISTRICTS 1-4	33,644
		DISTILLATE FUEL	CENTRAL ATLANTIC	35,704
			DISTRICT 1 TOTAL	62,616
			DISTRICT 2 TOTAL	37,291
			TOTAL U.S.	147,813
			DISTRICTS 1-4	137,257
		RESIDUAL FUEL	CENTRAL ATLANTIC	21,139
			DISTRICT 1 TOTAL	26,830
			DISTRICT 3 TOTAL	9,103
			TOTAL U.S.	49,122
			DISTRICTS 1-4	39,983

Crude Oil Stocks at Primary Level [1] [5]



[1] *Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.*

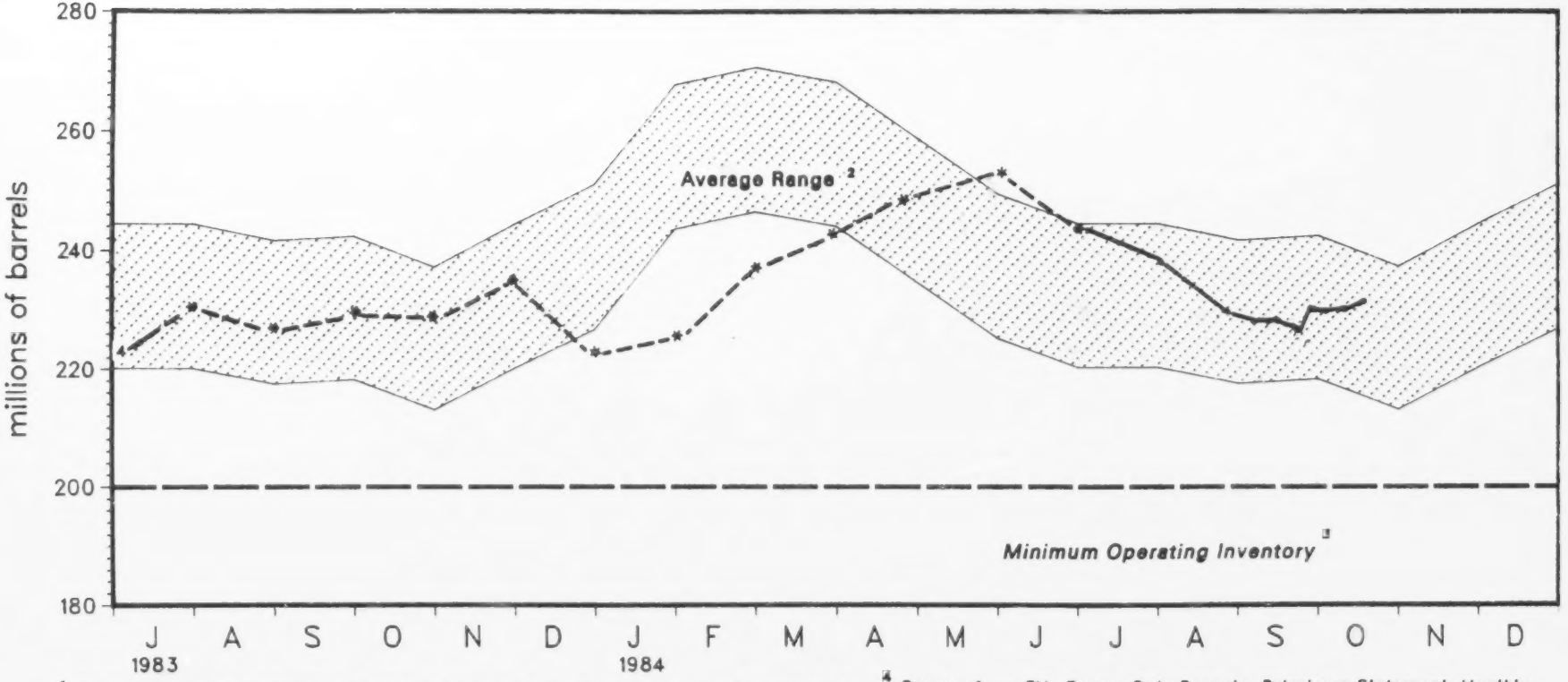
[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on seven years of monthly data: January 1977 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.*

[4] *Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Motor Gasoline Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

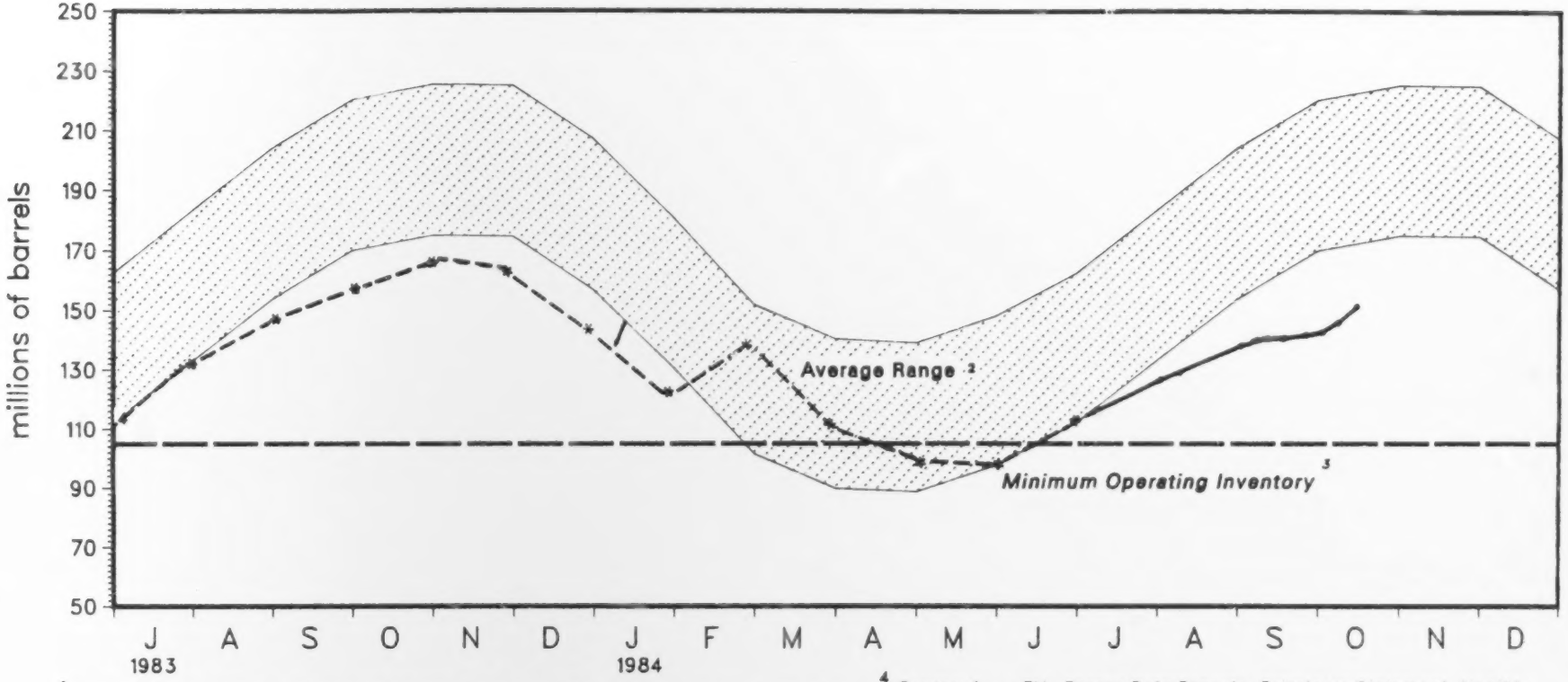
[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on six years of monthly data: January 1978 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.*

[4] *Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Distillate Fuel Oil Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on seven years of monthly data: January 1977 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.*

[4] *Source: • –– EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*